INFORMATION DISCLOSURE **ESTATEMENT BY APPLICANT** (use as many sheets as necessary)

Substitute for form 1449A/PTO

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Complete if Known	
Application Number	09/918,533	
Filing Date	August 1, 2001	
	Marcos C. TZANNES	
	2661	
Examiner Name	Unassigned	
Attorney Docket Number	081513-75	
	Filing Date First Named Inventor Group Art Unit Examiner Name	Application Number 09/918,533 Filling Date August 1, 2001 First Named Inventor Marcos C. TZANNES Group Art Unit 2661 Examiner Name Unassigned

<u> </u>		· · · · · · · · · · · · · · · · · · ·		U.S. PATENT DOCUMENT		Pages, Columns, Lines, Where Relevan
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited	Date of Publication of Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)	Document		
Chr		5,901,180		Aslanis et al.	05-04-1999	
	ļ ——					
	-					RECEIVED
	<u> </u>					JUL 0 8 2002

			FOREIGN PATENT DOCU	MENTS	Technology Center	2600
Examiner Initials	Cite No. ¹	Foreign Patent Document Kind Code'	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ³ Number ⁴ (If known)				
Gm		WO 00/01127	Tzannes et al.	01-06-2000		
						ļ
	<u> </u>	OTHER PRIO	R ART – NON PATENT LITER	ATURE DOCUMENTS		
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.)., date, page(s), volume-issue number(s), publisher, city and/or country where published.				T²
('n ^		International Search Report, Application No. PCT/US 01/24079, Mailing Date: April 11, 2002				
hm		Chow et al., "Superframe 2805, IEEE 1998	e-Based Bit Allocation A	Algorithms for DMT	Systems", pp. 2800-	
		İ				l_

Examiner Signature	Dullerno M.	Date Considered	December 1, 200	4

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.